

**Flood Control Project Maintenance
Levee Inspections**

Fall 2018 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0307	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0307 Lisbon	U	6.56						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	6.44	0.49	8.40	128.01%	0.37	0.24		
Trim / Thin Trees	0.17	0.01	0.21	3.20%				
Encroachments	0.17	0.03	0.29	4.42%	0.08	0.04		
Animal Control	0.01		0.01	0.15%				
Slope Stability	0.01		0.01	0.15%				
Erosion / Bank Caving	0.01		0.01	0.15%				
Flood Preparedness & Training	0.07		0.07	1.07%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.28		0.28	4.27%				
DWR UCIP Field Study					0.30	0.01		
2017 Storm Damage	0.06		0.06	0.91%				
<i>LMA Totals:</i>	7.22	0.53	9.34	142.33%	0.75	0.29	0.00	0.00

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0307	U	6.56						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	6.44	0.49	8.40	128.01%	0.37	0.24		
Trim / Thin Trees	0.17	0.01	0.21	3.20%				
Encroachments	0.17	0.03	0.29	4.42%	0.08	0.04		
Animal Control	0.01		0.01	0.15%				
Slope Stability	0.01		0.01	0.15%				
Erosion / Bank Caving	0.01		0.01	0.15%				
<i>Supplemental</i>								
2017 USACE Erosion Survey, DRAFT	0.28		0.28	4.27%				
DWR UCIP Field Study					0.30	0.01		
2017 Storm Damage	0.06		0.06	0.91%				
<i>Unit Totals:</i>	7.15	0.53	9.27	141.27%	0.75	0.29	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2018 Levee Inspection Results

Reclamation District No. 0307 Lisbon

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2018 Levee Inspection Results

Reclamation District No. 0307 Lisbon

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	6.56
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/6/2018 - 3/6/2018		10/31/2018 - 10/31/2018	
DWR Inspector	Dave Torres		Luz Dial	
Accompanied By	Pete Dwyer RD 307		Pete Dwyer RD 307	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_34				
Comment Code					
Inspector Comment					
RD 307 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_35				
Comment Code					
Inspector Comment					
The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.					

No Photos

LM Start		Rating **	M	Issue No.	36
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_36				
Comment Code					
Inspector Comment					
RD 307 hasn't been to any recent training classes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0307 Lisbon

No Photos

Waterside vegetation should be trimmed to 20 feet from crown to allow inspection.

RD 307 Levee mile 0.09 landside fallen tree on the slope and shoulder.

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**Flood Control Project Maintenance
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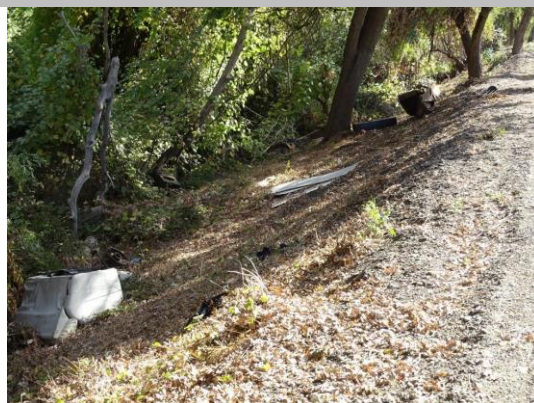
Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	129
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478536 °	38.478536 °
				-121.547707 °	-121.547707 °
DWR ID	DWR_RD0307_01_f_2018_129				
Comment Code					
DE : Debris					
Inspector Comment					
Remove trash from slope.					

Photo 1 of 2 : FA_2018_RD0307_166_129_20181101_00125.jpg



View of sofa thrown on slope. Fall 2018

LM Start	0.14	Rating **	M	Issue No.	129 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0307_166_129_20181101_00126.jpg



View of mattress and other debris on slope. Fall 2018

LM Start	0.16	Rating **	M	Issue No.	65
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478322°	38.478322°
				-121.547389°	-121.547389°
DWR ID	DWR_RD0307_01_f_2017_65				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree down on levee slope and toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.20	Rating **	M	Issue No.	66
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.477977 °	38.477977 °
				-121.546914 °	-121.546914 °
DWR ID	DWR_RD0307_01_f_2017_66				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot traffic on waterside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_66_20180910_00015.jpg



Slope erosion should be repaired and foot traffic stopped.

LM Start	0.23	Rating **	C	Issue No.	67
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.477698 °	38.475494 °
				-121.546491 °	-121.543532 °
DWR ID	DWR_RD0307_01_f_2017_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.35	Rating **	M	Issue No.	59
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.476428 °	38.476428 °
				-121.544955 °	-121.544955 °
DWR ID	DWR_RD0307_01_s_2017_59				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut up fallen tree from the landside levee slope and shoulder.					

Photo 1 of 1 : FA_2018_RD0307_166_59_20180910_00011.jpg



RD 307 Landside slope looking downstream from levee mile 0.35.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.35	Rating **	M	Issue No.	62
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.476428 °	38.476428 °
				-121.544955 °	-121.544955 °
DWR ID	DWR_RD0307_01_s_2017_62				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the encroachment from the levee toe waterside.					

Photo 1 of 1 : FA_2018_RD0307_166_62_20180910_00014.jpg



RD 307 Levee mile 0.35 water side levee slope fallen cut up tree branches and tree sections placed at levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

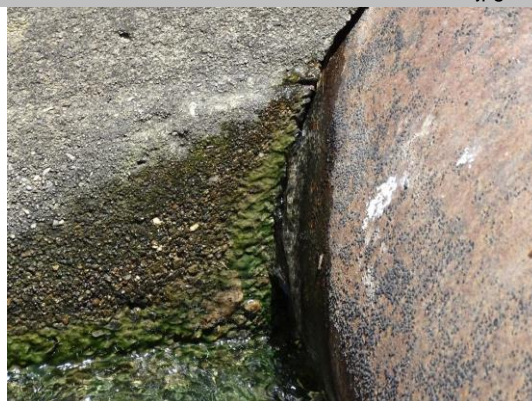
Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.45	Rating **	U	Issue No.	130
LM End	0.45	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542 °
				-121.543566 °	-121.543566 °
DWR ID	21657				
Comment Code					
Inspector Comment					
FS_ID:53336 DS_ID:21657 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/05/2018 Same as last inspection, except the LS (sleeved) pipe at the concrete wall was grouted. WS pipe outlet shows leakage from outside the pipe; concern for erosion around pipe and within the levee. This crossing remains Urgent and recommend this crossing receive a thorough inspection by the owner (D. Sanoski - DWR UCIP)12/07/2016 Same as last inspection. The bottom portion of the pipe has several holes through the wall. Recommend owner stop use of crossing. Owner will need to coordinate with CVFPB to comply with Title 23 requirements. (O. Magana - DWR UCIP)07/31/2013 Pipe heavily corroded and will likely need replacement if 15-inch pipe sleeved through it needs replacement. Annular space not grouted between two pipes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 15-inch steel irrigation pipe through the levee, 16.7 feet below the crown. 15-inch pipe sleeved through an existing 20-inch pipe. 20-inch pipe first recorded in the 1964 USACE O&M Manual. Pump missing from abandoned steel pier located on the waterside (WS) toe. Walkway on the waterside (WS) from shoulder to pier missing or abandoned. Concrete U-shaped outlet with flap gate is located on the landside (LS) toe. Service pole located on the LS slope with anchor. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual Unit 114, October 1964, (River Mile 48.53)]. FS Date: 6/5/2018 10:02:00 AM					

LM Start	0.45	Rating **	U	Issue No.	130 (cont)
LM End	0.45	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_53336_77562.jpg



LS view: pipe on LS showing leak; potential for internal threat to levee.

Photo 2 of 3 : UCIP_FA_2018_53336_77563.jpg



WS view: grouted sleeved pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.45	Rating **	U	Issue No.	130 (cont)	
LM End	0.45	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.475542 °	38.475542 °	
				-121.543566 °	-121.543566 °	
DWR ID	21657					
Comment Code						
Inspector Comment						
FS_ID:53336 DS_ID:21657 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 06/05/2018 Same as last inspection, except the LS (sleeved) pipe at the concrete wall was grouted. WS pipe outlet shows leakage from outside the pipe; concern for erosion around pipe and within the levee. This crossing remains Urgent and recommend this crossing receive a thorough inspection by the owner (D. Sanoski - DWR UCIP)12/07/2016 Same as last inspection. The bottom portion of the pipe has several holes through the wall. Recommend owner stop use of crossing. Owner will need to coordinate with CVFPB to comply with Title 23 requirements. (O. Magana - DWR UCIP)07/31/2013 Pipe heavily corroded and will likely need replacement if 15-inch pipe sleeved through it needs replacement. Annular space not grouted between two pipes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 15-inch steel irrigation pipe through the levee, 16.7 feet below the crown. 15-inch pipe sleeved through an existing 20-inch pipe. 20-inch pipe first recorded in the 1964 USACE O&M Manual. Pump missing from abandoned steel pier located on the waterside (WS) toe. Walkway on the waterside (WS) from shoulder to pier missing or abandoned. Concrete U-shaped outlet with flap gate is located on the landside (LS) toe. Service pole located on the LS slope with anchor. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual Unit 114, October 1964, (River Mile 48.53)]. FS Date: 6/5/2018 10:02:00 AM						

Photo 3 of 3 : UCIP_FA_2018_53336_28732.jpg



Pipe at outlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.58	Rating **	M	Issue No.	48
LM End	0.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474543 °	38.474543 °
				-121.541419 °	-121.541419 °
DWR ID	DWR_RD0307_01_s_2018_48				
Comment Code					
EQ : Equipment					
Inspector Comment					
Pipes stored at landside toe.					

Photo 1 of 1 : FA_2018_RD0307_166_48_20180910_00006.jpg



Encroachment pipes at landside toe looking southeast

LM Start	0.60	Rating **	C	Issue No.	75
LM End	1.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.474449 °	38.473102 °
				-121.541164 °	-121.523850 °
DWR ID	DWR_RD0307_01_f_2017_75				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.60	Rating **	M	Issue No.	76
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.474445 °	38.429784 °
				-121.541144 °	-121.533283 °
DWR ID	DWR_RD0307_01_f_2017_76				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.88	Rating **	M	Issue No.	117
LM End	0.88	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472998 °	38.472998 °
				-121.536260 °	-121.536260 °
DWR ID	DWR_RD0307_01_f_2018_117				
Comment Code					
DE : Debris					
Inspector Comment					
Debris needs to be removed.					

No Photos

LM Start	0.93	Rating **	M	Issue No.	131
LM End	0.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472872 °	38.472872 °
				-121.535542 °	-121.535542 °
DWR ID	24014				
Comment Code					
Inspector Comment					
FS_ID:17103 DS_ID:24014 EP_NO: 18229 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Need to install caps. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron electrical conduit through the levee, 2 feet below the crown. (Permit No. 18229, 2007 - Albert Martinelli). FS Date: 7/31/2013					

Photo 1 of 3 : UCIP_FA_2018_17103_29202.jpg



Conduit visible 2-feet below the crown on the LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.93	Rating **	M	Issue No.	131 (cont)
LM End	0.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472872 °	38.472872 °
				-121.535542 °	-121.535542 °
DWR ID	24014				
Comment Code					
Inspector Comment					
FS_ID:17103 DS_ID:24014 EP_NO: 18229 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Need to install caps. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron electrical conduit through the levee, 2 feet below the crown. (Permit No. 18229, 2007 - Albert Martinelli). FS Date: 7/31/2013					

LM Start	0.93	Rating **	M	Issue No.	131 (cont)
LM End	0.93	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_17103_29201.jpg



Conduit visible under first step of walkway to pump on WS shoulder.

Photo 3 of 3 : UCIP_FA_2018_17103_29200.jpg



Conduit visible under first step of walkway to pump on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.94	Rating **	U	Issue No.	81
LM End	0.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472838 °	38.472838 °
				-121.535327 °	-121.535327 °
DWR ID	DWR_RD0307_01_f_2017_81				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove shed and equipment from landside levee toe and 10-foot easement.					

Photo 1 of 1 : FA_2018_RD0307_166_81_20180910_00020.jpg



10/13/2017: Remove shed and equipment from levee toe and 10-foot easement.

LM Start	1.01	Rating **	M	Issue No.	113
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472875 °	38.472875 °
				-121.533983 °	-121.533983 °
DWR ID	DWR_RD0307_01_f_2018_113				
Comment Code					
DE : Debris					
Inspector Comment					
Tree debris needs to be removed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.08	Rating **	M	Issue No.	132
LM End	1.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472870 °	38.472870 °
				-121.532750 °	-121.532750 °
DWR ID	21659				
Comment Code					
Inspector Comment					
FS_ID:16764					
DS_ID:21659					
EP_NO: 8012					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe rusted through at outlet on LS of shutoff valve. This may be good indicator or corrosion throughout pipe. This is a good candidate for video inspection.					
FIELD_STRUCT_DESC: 1 of 2: 20-inch steel irrigation pipe through the levee, 7.4 feet below the crown. Walkway from the waterside (WS) shoulder to pump on pile structure in stream. Distribution box and gate valve at the landside (LS) toe. Service pole on the LS. (Permit No. 8012, 1972 - Eula Glide Elliott). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 48.53)].					
FS Date: 7/31/2013					

LM Start	1.08	Rating **	M	Issue No.	132 (cont)
LM End	1.08	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_16764_28764.jpg



Pipe and JP/meter on LS slope.

Photo 2 of 3 : UCIP_FA_2018_16764_28763.jpg



Pipe, gate valve, and concrete distribution box on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.08	Rating **	M	Issue No.	132 (cont)	
LM End	1.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.472870 °	38.472870 °	
				-121.532750 °	-121.532750 °	
DWR ID	21659					
Comment Code						
Inspector Comment						
FS_ID:16764						
DS_ID:21659						
EP_NO: 8012						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe rusted through at outlet on LS of shutoff valve. This may be good indicator or corrosion throughout pipe. This is a good candidate for video inspection.						
FIELD_STRUCT_DESC: 1 of 2: 20-inch steel irrigation pipe through the levee, 7.4 feet below the crown. Walkway from the waterside (WS) shoulder to pump on pile structure in stream. Distribution box and gate valve at the landside (LS) toe. Service pole on the LS. (Permit No. 8012, 1972 - Eula Glide Elliott). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 48.53)].						
FS Date: 7/31/2013						

Photo 3 of 3 : UCIP_FA_2018_16764_28762.jpg



Pipe visible under wooden walkway on WS slope.

LM Start	1.08	Rating **	M	Issue No.	133	
LM End	1.08	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.472874 °		38.472874 °
				-121.532611 °		-121.532611 °
DWR ID	21660					
Comment Code						
Inspector Comment						
FS_ID:16766 DS_ID:21660 EP_NO: 3324 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Walkway completely obscured by vegetation on WS slope. FIELD_STRUCT_DESC: 1.25-inch electrical conduit of an unknown material through the levee, 10 feet below the crown. Corrugated metal stage recorder house and walkway on the waterside (WS) slope. Service pole on the landside (LS) slope. (Permit No. 3324, 1960 - U.S. Department of the Interior, Surface Water Branch). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 7/31/2013						

Photo 1 of 3 : UCIP_FA_2018_16766_28769.jpg



Metal walkway visible in brush on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.08	Rating **	M	Issue No.	133 (cont)
LM End	1.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472874 °	38.472874 °
				-121.532611 °	-121.532611 °
DWR ID	21660				
Comment Code					
Inspector Comment					
FS_ID:16766 DS_ID:21660 EP_NO: 3324 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Walkway completely obscured by vegetation on WS slope. FIELD_STRUCT_DESC: 1.25-inch electrical conduit of an unknown material through the levee, 10 feet below the crown. Corrugated metal stage recorder house and walkway on the waterside (WS) slope. Service pole on the landside (LS) slope. (Permit No. 3324, 1960 - U.S. Department of the Interior, Surface Water Branch). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 7/31/2013					

LM Start	1.08	Rating **	M	Issue No.	133 (cont)
LM End	1.08	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_16766_28768.jpg



Metal walkway visible in brush on WS slope.

Photo 3 of 3 : UCIP_FA_2018_16766_28770.jpg



Conduit visible at base of JP on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.14	Rating **	A/W	Issue No.	82
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472840 °	38.472840 °
				-121.531485 °	-121.531485 °
DWR ID	DWR_RD0307_01_f_2017_82				
Comment Code					
BU : Building					
Inspector Comment					
Building and retaining wall covered under permit number 8013.					

No Photos

LM Start	1.14	Rating **	M	Issue No.	44
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.473161 °	38.473103 °
				-121.531474 °	-121.529831 °
DWR ID	DWR_RD0307_01_f_2018_44				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 48.6 R					
Status: Eroding					
2017 Field Notes: Site lengthened upstream and shortened downstream.					
Site History: 2012 - Bank is slowly eroding, old rock protection starting to unravel. 2016 - Anthropogenic erosion observed.					

Photo 1 of 2 : FA_2018_RD0307_166_44_20181101_00124.jpg



View of erosion on slope. Fall 2018

LM Start	1.14	Rating **	M	Issue No.	44 (cont)
LM End	1.23	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0307_166_44_20181105_00127.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.29	Rating **	U	Issue No.	9
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472827 °	38.472827 °
				-121.528785 °	-121.528785 °
DWR ID	DWR_RD0307_01_f_2014_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed trees from waterside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_9_20180910_00001.jpg



This tree needs to be removed from the waterside slope. Fall 2018

LM Start	1.31	Rating **	M	Issue No.	64
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472855 °	38.472855 °
				-121.528435 °	-121.528435 °
DWR ID	DWR_RD0307_01_s_2016_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

No Photos

LM Start	1.35	Rating **	M	Issue No.	10
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472880 °	38.472880 °
				-121.527733 °	-121.527733 °
DWR ID	DWR_RD0307_01_f_2014_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible. Trees still present during inspection.					

Photo 1 of 1 : FA_2018_RD0307_166_10_20180910_00002.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope. No change 4-17.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.39	Rating **	M	Issue No.	83
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472918 °	38.472918 °
				-121.526956 °	-121.526956 °
DWR ID	DWR_RD0307_01_f_2017_83				
Comment Code					
DE : Debris					
Inspector Comment					
Remove trash from waterside slope.					

No Photos

LM Start	1.62	Rating **	M	Issue No.	134
LM End	1.62	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473129 °	38.473129 °
				-121.522717 °	-121.522717 °
DWR ID	24017				
Comment Code					
Inspector Comment					
FS_ID:17105					
DS_ID:24017					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for crossing or boat dock/steel ramp.					
FIELD_STRUCT_DESC: 2 of 2: 1.5-inch polyvinyl chloride (PVC) irrigation pipe through the levee, 2 feet below the crown. Metal walkway and pier on the waterside (WS) slope. Possible pump, filter, and tanks on the landside (LS) slope.					
FS Date: 7/31/2013					

Photo 1 of 3 : UCIP_FA_2018_17105_29207.jpg



Possible pump and filter station on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.62	Rating **	M	Issue No.	134 (cont)	
LM End	1.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.473129 °	38.473129 °	
				-121.522717 °	-121.522717 °	
DWR ID	24017					
Comment Code						
Inspector Comment						
FS_ID:17105						
DS_ID:24017						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for crossing or boat dock/steel ramp.						
FIELD_STRUCT_DESC: 2 of 2: 1.5-inch polyvinyl chloride (PVC) irrigation pipe through the levee, 2 feet below the crown. Metal walkway and pier on the waterside (WS) slope. Possible pump, filter, and tanks on the landside (LS) slope.						
FS Date: 7/31/2013						

LM Start	1.62	Rating **	M	Issue No.	134 (cont)
LM End	1.62	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_17105_29206.jpg



Pipes visible on WS shoulder at steel walkway.

Photo 3 of 3 : UCIP_FA_2018_17105_29205.jpg



Pipes visible under walkway on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.62	Rating **	U	Issue No.	84
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473116 °	38.473116 °
				-121.522713 °	-121.522713 °
DWR ID	DWR_RD0307_01_f_2017_84				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0307_166_84_20180910_00021.jpg



10/13/2017: Landscaping, including structures, should be removed or maintained to allow inspection and access to slope, toe and 10-foot easement.

LM Start	1.62	Rating **	M	Issue No.	135
LM End	1.62	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473129°	38.473129°
				-121.522717°	-121.522717°
DWR ID	24016				
Comment Code					
Inspector Comment					
FS_ID:17106					
DS_ID:24016					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1 of 2: 1.5-inch polyvinyl chloride (PVC)					
irrigation pipe through the levee, 2 feet below the crown. Metal walkway					
and pier on the waterside (WS) slope. Possible pump, filter, and tanks					
on the landside (LS) slope.					
FS Date: 7/31/2013					

Photo 1 of 3 : UCIP_FA_2018_17106_29210.jpg



Possible pump and filter plant on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.62	Rating **	M	Issue No.	135 (cont)	
LM End	1.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.473129 °	38.473129 °	
				-121.522717 °	-121.522717 °	
DWR ID	24016					
Comment Code						
Inspector Comment						
FS_ID:17106 DS_ID:24016 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 1.5-inch polyvinyl chloride (PVC) irrigation pipe through the levee, 2 feet below the crown. Metal walkway and pier on the waterside (WS) slope. Possible pump, filter, and tanks on the landside (LS) slope. FS Date: 7/31/2013						

Photo 2 of 3 : UCIP_FA_2018_17106_29209.jpg



Pipes visible on WS shoulder at metal ramp.

LM Start	1.62	Rating **	M	Issue No.	135 (cont)
LM End	1.62	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_17106_29208.jpg



Pipes visible under metal ramp on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.63	Rating **	M	Issue No.	70
LM End	1.63	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473167°	38.473167°
				-121.522588°	-121.522588°
DWR ID	DWR_RD0307_01_s_2018_70				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Century plant on waterside slope.					

No Photos

LM Start	1.68	Rating **	U	Issue No.	69
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473241°	38.473191°
				-121.521560°	-121.518120°
DWR ID	DWR_RD0307_01_f_2017_69				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.71	Rating **	M	Issue No.	85	
LM End	1.71	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.473252°		38.473252°
				-121.521079°		-121.521079°
DWR ID	DWR_RD0307_01_f_2017_85					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.72	Rating **	M	Issue No.	71
LM End	1.72	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.473352 °	38.473352 °	
			-121.520852 °	-121.520852 °	
DWR ID	DWR_RD0307_01_s_2016_71				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the landside slope.					

No Photos

LM Start	1.80	Rating **	M	Issue No.	45
LM End	1.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.473255 °	38.473255 °	
			-121.519438 °	-121.519438 °	
DWR ID	DWR_RD0307_01_f_2018_45				
Comment Code					
DE : Debris					
Inspector Comment					
Mattresses left on levee shoulder.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.82	Rating **	M	Issue No.	136	
LM End	1.82	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.473249 °	38.473249 °	
				-121.519095 °	-121.519095 °	
DWR ID	21663					
Comment Code						
Inspector Comment						
FS_ID:16805 DS_ID:21663 EP_NO: 8016 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be abandoned properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch iron irrigation pipe through the levee, 15.7 feet below the crown. No connection in pump house on the landside (LS) toe, but 8-inch outlet pipe remains at connection from pump house to concrete standpipe. (Permit No. 8016, 1972 - Anna Gloria Serpa. Pipe capped at both ends for replacement pipe according to Permit No. 18209, 2007 - Daniel Serpa). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 47.78)]. FS Date: 7/31/2013						

LM Start	1.82	Rating **	M	Issue No.	136 (cont)
LM End	1.82	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_16805_28806.jpg



Remnants of abandoned pipe visible in pumphouse on LS toe.

Photo 2 of 2 : UCIP_FA_2018_16805_28805.jpg



Concrete distribution box at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.82	Rating **	U	Issue No.	87
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473236 °	38.473236 °
				-121.518998 °	-121.518998 °
DWR ID	DWR_RD0307_01_f_2017_87				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.83	Rating **	M	Issue No.	46
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473238 °	38.473190 °
				-121.518787 °	-121.518407 °
DWR ID	DWR_RD0307_01_f_2018_46				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Groundcover needs to be cleared.					

No Photos

LM Start	1.86	Rating **	U	Issue No.	73
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473182 °	38.473182 °
				-121.518280 °	-121.518280 °
DWR ID	DWR_RD0307_01_s_2016_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut up oak tree from both ls/ws slops the levee section. No change 4-17.					

Photo 1 of 3 : FA_2018_RD0307_166_73_20180910_00016.jpg



Looking downstream from levee mile 1.86 cut up fallen tree on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.86	Rating **	U	Issue No.	73 (cont)	
LM End	1.86	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.473182 °	38.473182 °	
				-121.518280 °	-121.518280 °	
DWR ID	DWR_RD0307_01_s_2016_73					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove the cut up oak tree from both ls/ws slops the levee section. No change 4-17.						

Photo 2 of 3 : FA_2018_RD0307_166_73_20180910_00017.jpg



Looking downstream toward levee mile 1.87 fallen tree on shoulder.

LM Start	1.86	Rating **	U	Issue No.	73 (cont)
LM End	1.86	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2018_RD0307_166_73_20180910_00018.jpg



Waterside shoulder levee mile 1.86 more of the cut up oak.

LM Start	1.87	Rating **	M	Issue No.	127
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473211 °	38.473211 °
				-121.518169 °	-121.518169 °
DWR ID	DWR_RD0307_01_s_2018_127				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.94	Rating **	C	Issue No.	90
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473045 °	38.472964 °
				-121.516802 °	-121.515915 °
DWR ID	DWR_RD0307_01_f_2017_90				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.21	Rating **	M	Issue No.	137
LM End	2.21	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472238 °	38.472238 °
				-121.512032 °	-121.512032 °
DWR ID	21665				
Comment Code					
Inspector Comment					
FS_ID:22709 DS_ID:21665 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee, 2 feet below the crown. Pipe open on both ends. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 47.38) (6-inch pipe listed)]. FS Date: 7/31/2013					

Photo 1 of 3 : UCIP_FA_2018_22709_38412.jpg



Pipe visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.21	Rating **	M	Issue No.	137 (cont)
LM End	2.21	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472238 °	38.472238 °
				-121.512032 °	-121.512032 °
DWR ID	21665				
Comment Code					
Inspector Comment					
FS_ID:22709 DS_ID:21665 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee, 2 feet below the crown. Pipe open on both ends. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 47.38) (6-inch pipe listed)]. FS Date: 7/31/2013					

Photo 2 of 3 : UCIP_FA_2018_22709_38411.jpg



Pipe visible on LS shoulder.

LM Start	2.21	Rating **	M	Issue No.	137 (cont)
LM End	2.21	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_22709_38410.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.22	Rating **	M	Issue No.	92
LM End	2.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472155°	38.472155°
				-121.511764°	-121.511764°
DWR ID	DWR_RD0307_01_f_2017_92				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fruit trees on levee slope.					

Photo 1 of 1 : FA_2018_RD0307_166_92_20180910_00022.jpg



Remove fruit trees on levee slope.

LM Start	2.22	Rating **	M	Issue No.	91
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472154°	38.472154°
				-121.511763°	-121.511763°
DWR ID	DWR_RD0307_01_f_2017_91				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	2.24	Rating **	M	Issue No.	93
LM End	2.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472067 °	38.472067 °
				-121.511395 °	-121.511395 °
DWR ID	DWR_RD0307_01_f_2017_93				
Comment Code					
EQ : Equipment					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.28	Rating **	M	Issue No.	105
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.471895 °	38.471895 °
				-121.510717 °	-121.510717 °
DWR ID	DWR_RD0307_01_f_2018_105				
Comment Code					
DE : Debris					
Inspector Comment					
Remove mattress from slope.					

No Photos

LM Start	2.38	Rating **	U	Issue No.	94
LM End	2.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471370 °	38.471137 °
				-121.509104 °	-121.508544 °
DWR ID	DWR_RD0307_01_f_2017_94				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove or thin oleanders to allow inspection and access.					

Photo 1 of 1 : FA_2018_RD0307_166_94_20180910_00023.jpg



Remove or thin oleanders to allow inspection and access.

LM Start	2.38	Rating **	C	Issue No.	89
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.471378 °	38.471005 °
				-121.509067 °	-121.508273 °
DWR ID	DWR_RD0307_01_s_2017_89				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Riprap placed on slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.42	Rating **	M	Issue No.	138
LM End	2.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.471093 °	38.471093 °
				-121.508429 °	-121.508429 °
DWR ID	21667				
Comment Code					
Inspector Comment					
FS_ID:40794 DS_ID:21667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 3 feet below the crown. Pump and gate valve on the waterside (WS) slope. 36-inch concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 47.17)]. FS Date: 7/31/2013					

LM Start	2.42	Rating **	M	Issue No.	138 (cont)
LM End	2.42	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_40794_28823.jpg



Pump and gate valve on WS slope.

Photo 2 of 3 : UCIP_FA_2018_40794_28822.jpg



Pump and gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.42	Rating **	M	Issue No.	138 (cont)	
LM End	2.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.471093°	38.471093°	
				-121.508429°	-121.508429°	
DWR ID	21667					
Comment Code						
Inspector Comment						
FS_ID:40794 DS_ID:21667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 3 feet below the crown. Pump and gate valve on the waterside (WS) slope. 36-inch concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 47.17)]. FS Date: 7/31/2013						

Photo 3 of 3 : UCIP_FA_2018_40794_28821.jpg



36-inch concrete standpipe on LS toe.

LM Start	2.42	Rating **	U	Issue No.	95
LM End	2.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471057 °	38.471057 °
				-121.508409 °	-121.508409 °
DWR ID	DWR_RD0307_01_f_2017_95				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove cactus to allow inspection and access.					

Photo 1 of 1 : FA_2018_RD0307_166_95_20180910_00024.jpg



Remove cactus to allow inspection and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.47	Rating **	M	Issue No.	88
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.470725 °	38.470725 °
				-121.507687 °	-121.507687 °
DWR ID	DWR_RD0307_01_f_2018_88				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo growth.					

No Photos

LM Start	2.47	Rating **	M	Issue No.	49
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.470583 °	38.470052 °
				-121.507658 °	-121.506902 °
DWR ID	DWR_RD0307_01_f_2017_49				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.					
Site ID No:500					
Site Designation:LMA-406					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:8/15/2017					
Notes:					

Photo 1 of 3 : LEVAL_FA_2018_500_4167.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

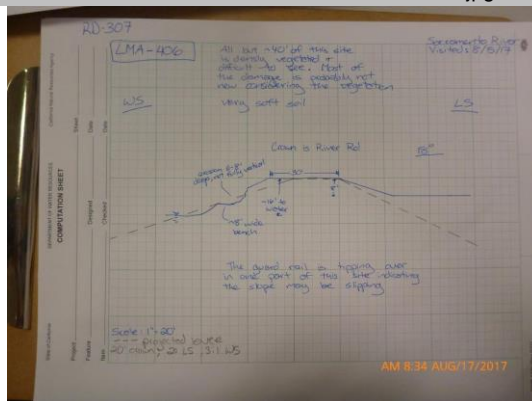
LM Start	2.47	Rating **	M	Issue No.	49 (cont)							
LM End	2.53	Issue Type +	Ma	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	2017 Storm Damage		38.470583°	38.470052°								
			-121.507658°	-121.506902°								
DWR ID	DWR_RD0307_01_f_2017_49											
Comment Code												
Inspector Comment												
Levee Evaluation Comments Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage. Site ID No: 500 Site Designation: LMA-406 Repair Type: Erosion Rating: Area of Concern Field Date: 8/15/2017 Notes:												

Photo 2 of 3 : LEVAL_FA_2018_500_4168.jpg



LM Start	2.47	Rating **	M	Issue No.	49 (cont)
LM End	2.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL_FA_2018_500_4226.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.59	Rating **	M	Issue No.	96
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.469358 °	38.469358 °
				-121.506362 °	-121.506362 °
DWR ID	DWR_RD0307_01_f_2017_96				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fruit tree.					

Photo 1 of 1 : FA_2018_RD0307_166_96_20180910_00025.jpg



Remove fruit tree.

LM Start	2.64	Rating **	M	Issue No.	98
LM End	2.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.468547 °	38.468547 °
				-121.506027 °	-121.506027 °
DWR ID	DWR_RD0307_01_f_2017_98				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fruit trees.					

Photo 1 of 1 : FA_2018_RD0307_166_98_20180910_00026.jpg



Remove fruit trees.

LM Start	2.72	Rating **	M	Issue No.	99
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.467438 °	38.466204 °
				-121.505723 °	-121.505542 °
DWR ID	DWR_RD0307_01_f_2017_99				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.73	Rating **	M	Issue No.	139	
LM End	2.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.467404 °	38.467404 °	
				-121.505681 °	-121.505681 °	
DWR ID	21671					
Comment Code						
Inspector Comment						
FS_ID:16815						
DS_ID:21671						
EP_NO: 8023						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee						
13.7 feet below the crown. Pump and gate valve in pump house on the						
landward toe. 4'X2.5' concrete distribution box off LS toe. Service pole						
and anchor on the landward slope (Permit No. 8023, 1972). Included in						
the 1959 O&M manual.						
FS Date: 7/31/2013						

LM Start	2.73	Rating **	M	Issue No.	139 (cont)
LM End	2.73	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_16815_28850.jpg



Pumphouse on LS toe.

Photo 2 of 2 : UCIP_FA_2018_16815_28849.jpg



Pump and gatevalve inside pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.81	Rating **	M	Issue No.	100
LM End	2.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.466123°	38.466123°
				-121.505529°	-121.505529°
DWR ID	DWR_RD0307_01_f_2017_100				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	2.86	Rating **	M	Issue No.	47
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.465532°	38.465532°
				-121.505463°	-121.505463°
DWR ID	DWR_RD0307_01_f_2018_47				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner vegetation needs to be trimmed.					

No Photos

LM Start	2.93	Rating **	M	Issue No.	101
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.464429 °	38.463570 °
				-121.505333 °	-121.505223 °
DWR ID	DWR_RD0307_01_f_2017_101				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Landowner does not want vegetaton cut.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.00	Rating **	M	Issue No.	122
LM End	3.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.463454 °	38.463454 °
				-121.505183 °	-121.505183 °
DWR ID	DWR_RD0307_01_s_2018_122				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.00	Rating **	M	Issue No.	50
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.463405 °	38.462828 °
				-121.505185 °	-121.505128 °
DWR ID	DWR_RD0307_01_f_2018_50				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim and thin trees.					

No Photos

LM Start	3.19	Rating **	U	Issue No.	79
LM End	3.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460690 °	38.460690 °
				-121.504650 °	-121.504650 °
DWR ID	DWR_RD0307_01_s_2016_79				
Comment Code					
FE : Fence					
Inspector Comment					
There is no CVFPB Permit for this encroachment. It needs to be removed or apply for Permit to retain. No change.					

Photo 1 of 1 : FA_2018_RD0307_166_79_20180910_00019.jpg



Looking down the landside slope and shoulder of levee mile 3.19 new replacement of a solid wall wooden fence. No change.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.25	Rating **	M	Issue No.	102
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.459873 °	38.459873 °
				-121.504510 °	-121.504510 °
DWR ID	DWR_RD0307_01_f_2017_102				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.27	Rating **	M	Issue No.	63
LM End	3.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.459557 °	38.459557 °
				-121.504445 °	-121.504445 °
DWR ID	DWR_RD0307_01_s_2018_63				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus on landside slope.					

No Photos

LM Start	3.42	Rating **	M	Issue No.	51
LM End	3.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.457422 °	38.457422 °
				-121.503930 °	-121.503930 °
DWR ID	DWR_RD0307_01_f_2018_51				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner vegetation needs to be trimmed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.44	Rating **	M	Issue No.	140
LM End	3.44	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457182 °	38.457182 °
				-121.503847 °	-121.503847 °
DWR ID	21677				
Comment Code					
Inspector Comment					
FS_ID:16843 DS_ID:21677 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access to pumphouse as fence is within 10-feet of toe. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 11.8 feet below the crown. Pump house on the landside (LS) toe. 48-inch-diameter concrete standpipe just off the LS toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 46.14)]. FS Date: 7/31/2013					

LM Start	3.44	Rating **	M	Issue No.	140 (cont)
LM End	3.44	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_FA_2018_16843_28881.jpg



Pumphouse on LS toe. No access due to fence along toe.

Photo 2 of 2 : UCIP_FA_2018_16843_28880.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.55	Rating **	U	Issue No.	23
LM End	3.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.455637 °	38.454863 °
				-121.503400 °	-121.503225 °
DWR ID	DWR_RD0307_01_f_2014_23				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0307_166_23_20180910_00003.jpg



Remove the fig tree from the levee slope landside levee section.

LM Start	3.60	Rating **	M	Issue No.	141
LM End	3.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454939 °	38.454939 °
				-121.503146 °	-121.503146 °
DWR ID	21679				
Comment Code					
Inspector Comment					
FS_ID:16923 DS_ID:21679 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve does not function on WS slope. Pipe and pump appear to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee, 14.7 feet below the crown. Pump in pump house on the landside (LS) toe. Gate valve on the waterside (WS) slope and at pump house on the LS toe. Air vent on pipe at the WS toe near the waterline. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.98)]. FS Date: 7/31/2013					

Photo 1 of 3 : UCIP_FA_2018_16923_28978.jpg



Gate valve actuator on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.60	Rating **	M	Issue No.	141 (cont)	
LM End	3.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.454939 °	38.454939 °	
				-121.503146 °	-121.503146 °	
DWR ID	21679					
Comment Code						
Inspector Comment						
FS_ID:16923 DS_ID:21679 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve does not function on WS slope. Pipe and pump appear to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee, 14.7 feet below the crown. Pump in pump house on the landside (LS) toe. Gate valve on the waterside (WS) slope and at pump house on the LS toe. Air vent on pipe at the WS toe near the waterline. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.98)]. FS Date: 7/31/2013						

Photo 2 of 3 : UCIP_FA_2018_16923_28977.jpg



Pumphouse on LS toe.

LM Start	3.60	Rating **	M	Issue No.	141 (cont)
LM End	3.60	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_16923_28976.jpg



Gate valve and pump in pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.61	Rating **	U	Issue No.	106
LM End	3.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.454778 °	38.453473 °
				-121.503201 °	-121.502852 °
DWR ID	DWR_RD0307_01_f_2017_106				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	3.65	Rating **	M	Issue No.	142
LM End	3.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID	21680				
Comment Code					
Inspector Comment					
FS_ID:16924 DS_ID:21680 EP_NO: 8030 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not visible on LS slope or toe due to excessive vegetation. Vegetation should be cleared from pipe. FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through the levee, 6 feet below the crown. Walkway on the waterside (WS) slope to a pump on a pile structure in the stream. Joint pole (JP) and meter on the landside (LS) toe. Pipe appears to cross the levee at an angle. (Permit No. 8030, 1972 - Robert and Hazel Kirkland). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.92)]. FS Date: 7/31/2013					

Photo 1 of 3 : UCIP_FA_2018_16924_28982.jpg



Pipe and walkway visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.65	Rating **	M	Issue No.	142 (cont)	
LM End	3.65	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.454154 °		38.454154 °
				-121.502939 °		-121.502939 °
DWR ID	21680					
Comment Code						
Inspector Comment						
FS_ID:16924 DS_ID:21680 EP_NO: 8030 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not visible on LS slope or toe due to excessive vegetation. Vegetation should be cleared from pipe. FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through the levee, 6 feet below the crown. Walkway on the waterside (WS) slope to a pump on a pile structure in the stream. Joint pole (JP) and meter on the landside (LS) toe. Pipe appears to cross the levee at an angle. (Permit No. 8030, 1972 - Robert and Hazel Kirkland). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.92)]. FS Date: 7/31/2013						

Photo 2 of 3 : UCIP_FA_2018_16924_28981.jpg



Pump and electrical controls on Pier at WS slope.

LM Start	3.65	Rating **	M	Issue No.	142 (cont)
LM End	3.65	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_16924_28980.jpg



Meter on JP at LS toe covered with vegetation/IVY.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.66	Rating **	M	Issue No.	143
LM End	3.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID	21723				
Comment Code					
Inspector Comment					
FS_ID:16925 DS_ID:21723 EP_NO: 8030 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive vegetation should be cleared from conduit and JP on LS toe. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch electrical conduit of an unknown material through the levee, 6 feet below the crown. Walkway on the waterside (WS) slope to pump on a pile structure. Meter on joint pole (JP) at the landside (LS) toe. (Permit No. 8030, 1972 - Robert and Hazel Kirkland). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2018_16925_28984.jpg



Conduit visible on WS slope.

LM Start	3.66	Rating **	M	Issue No.	143 (cont)
LM End	3.66	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2018_16925_28983.jpg



JP and meter on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.66	Rating **	M	Issue No.	86
LM End	3.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.454052 °	38.454052 °
				-121.502905 °	-121.502905 °
DWR ID	DWR_RD0307_01_f_2018_86				
Comment Code					
DE : Debris					
Inspector Comment					
Tree debris on slope.					

No Photos

LM Start	3.67	Rating **	M	Issue No.	144
LM End	3.67	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.453882 °	38.453882 °
				-121.502890 °	-121.502890 °
DWR ID	21681				
Comment Code					
Inspector Comment					
FS_ID:22669 DS_ID:21681 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel pipe of an unknown purpose through the levee, 16.5 feet below the crown. Wooden plate bolted on the landside (LS) end. Unable to locate pipe, but found USA markings for 6-inch pipe, 07/31/2013. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.91)]. FS Date: 7/31/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.81	Rating **	M	Issue No.	52
LM End	3.81	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.451888 °	38.451888 °	
			-121.502670 °	-121.502670 °	
DWR ID	DWR_RD0307_01_f_2018_52				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be trimmed.					

No Photos

LM Start	3.85	Rating **	M	Issue No.	53
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.451332 °	38.451332 °	
			-121.502610 °	-121.502610 °	
DWR ID	DWR_RD0307_01_f_2018_53				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned					

No Photos

LM Start	3.86	Rating **	M	Issue No.	108
LM End	3.86	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.451243 °	38.451243 °	
			-121.502636 °	-121.502636 °	
DWR ID	DWR_RD0307_01_f_2017_108				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim trees.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.86	Rating **	M	Issue No.	109
LM End	3.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.451239 °	38.451239 °
				-121.502636 °	-121.502636 °
DWR ID	DWR_RD0307_01_f_2017_109				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim and thin landscaping to allow inspection and access to landside levee slope and toe.					

Photo 1 of 1 : FA_2018_RD0307_166_109_20180910_00030.jpg



Trim and thin landscaping to allow inspection and access to landside levee slope and toe.

LM Start	3.86	Rating **	M	Issue No.	24
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.451123 °	38.451123 °
				-121.502622 °	-121.502622 °
DWR ID	DWR_RD0307_01_f_2014_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut tree limbs from the waterside shoulder.					

Photo 1 of 1 : FA_2018_RD0307_166_24_20181101_00122.jpg



View of tree limbs on levee slope. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.90	Rating **	M	Issue No.	145
LM End	3.90	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.450575 °	38.450575 °	
			-121.502580 °	-121.502580 °	

DWR ID	21682
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Comment Code

Inspector Comment

FS_ID:53338
DS_ID:21682
EP_NO: 8034
Repair Type: Non-Urgent
Crossing Status: Found

UCIP Comments: 06/05/2018 Same as last inspection, Abandoned. Officially downgrading to Non-Urgent (D. Sanoski - DWR UCIP). 12/07/2016 Crossing has been downgraded from Urgent to Non-Urgent pipe appears abandoned. Need to coordinate with owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP) 08/06/2013 Appears abandoned and should be done so properly. Walkway to pier is falling apart and is an attractive nuisance. Pipe rusted through at riser on LS toe. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 14-inch steel irrigation pipe through the levee, 13 feet below the crown. Pump on pile structure with walkway located on waterside (WS) slope. Gate valve located on the WS toe and a 48-inch concrete standpipe located on the LS toe. Sheet pile wall around base of metal pier at WS toe (14-inch pipe first referenced in the USACE O&M Manual and later pipe authorized under Automatic Board Order (ABO) issued as Permit No. 8034, 1972 - Heringer). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual Unit 114, October 1964 (River Mile 45.67)].

FS Date: 6/5/2018 10:33:00 AM

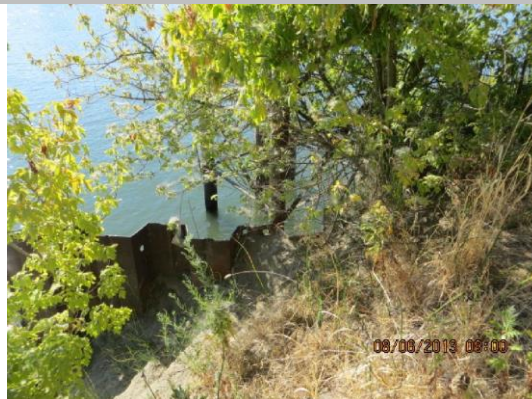
LM Start	3.90	Rating **	M	Issue No.	145 (cont)
LM End	3.90	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_53338_29022.jpg



Metal walkway to pump on pier and gate valve actuator on WS slope.

Photo 2 of 3 : UCIP_FA_2018_53338_29021.jpg



Sheet pile wall at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.90	Rating **	M	Issue No.	145 (cont)	
LM End	3.90	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.450575 °	38.450575 °	
				-121.502580 °	-121.502580 °	
DWR ID	21682					
Comment Code						
Inspector Comment						
FS_ID:53338 DS_ID:21682 EP_NO: 8034 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/05/2018 Same as last inspection, Abandoned. Officially downgrading to Non-Urgent (D. Sanoski - DWR UCIP).12/07/2016 Crossing has been downgraded from Urgent to Non-Urgent pipe appears abandoned. Need to coordinate with owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)08/06/2013 Appears abandoned and should be done so properly. Walkway to pier is falling apart and is an attractive nuisance. Pipe rusted through at riser on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 14-inch steel irrigation pipe through the levee, 13 feet below the crown. Pump on pile structure with walkway located on waterside (WS) slope. Gate valve located on the WS toe and a 48-inch concrete standpipe located on the LS toe. Sheet pile wall around base of metal pier at WS toe (14-inch pipe first referenced in the USACE O&M Manual and later pipe authorized under Automatic Board Order (ABO) issued as Permit No. 8034, 1972 - Heringer). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual Unit 114, October 1964 (River Mile 45.67)]. FS Date: 6/5/2018 10:33:00 AM						

Photo 3 of 3 : UCIP_FA_2018_53338_29020.jpg



48-inch concrete standpipe on LS toe.

LM Start	3.92	Rating **	M	Issue No.	110
LM End	3.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.450255 °	38.450255 °
				-121.502641 °	-121.502641 °
DWR ID	DWR_RD0307_01_f_2017_110				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.96	Rating **	M	Issue No.	111
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.449688 °	38.449688 °
				-121.502646 °	-121.502646 °
DWR ID	DWR_RD0307_01_f_2017_111				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0307_166_111_20181101_00117.jpg



View of rodent holes on landside slope. Fall 2018

LM Start	3.98	Rating **	M	Issue No.	128
LM End	3.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.449404 °	38.449404 °
				-121.502663 °	-121.502663 °
DWR ID	DWR_RD0307_01_s_2018_128				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Repair rills on landside slope. Additionally repair rodent holes along this stretch.					

Photo 1 of 3 : FA_2018_RD0307_166_128_20181101_00118.jpg



View of erosion on slope. Fall 2018

LM Start	3.98	Rating **	M	Issue No.	128 (cont)
LM End	3.98	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2018_RD0307_166_128_20180910_00034.jpg



Erosion rodent hole landside looking east. Spring 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.98	Rating **	M	Issue No.	128 (cont)	
LM End	3.98	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.449404 °		38.449404 °
				-121.502663 °		-121.502663 °
DWR ID	DWR_RD0307_01_s_2018_128					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Repair rills on landside slope. Additionally repair rodent holes along this stretch.						

Photo 3 of 3 : FA_2018_RD0307_166_128_20180910_00035.jpg



Erosion rodent hole landside looking south. Spring 2018

LM Start	3.99	Rating **	M	Issue No.	146
LM End	3.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.449382 °	38.449382 °
				-121.502625 °	-121.502625 °
DWR ID	21725				
Comment Code					
Inspector Comment					
FS_ID:17408 DS_ID:21725 EP_NO: 8037 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: need to update with notes from inspector. FIELD_STRUCT_DESC: *REMOVED* 2 of 2: 1.5-inch electrical conduit of an unknown material through the levee, 15 feet below the crown. Pump and gate valve on the waterside (WS) slope. (Automatic Board Order (ABO) issued as Permit No. 8037, 1972 - Raymond and Isabel Baliel. Pipe removed in 2012 under Permit No. 18461, 2012 - Randy Valenzano). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 7/31/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.07	Rating **	M	Issue No.	147
LM End	4.07	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.448191 °	38.448191 °
				-121.502653 °	-121.502653 °
DWR ID	21684				

Comment Code

Inspector Comment

FS_ID:53339
DS_ID:21684
EP_NO: 8038
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 06/05/2018 Same as last inspection; appears abandoned and is being downgraded to Non-Urgent from Urgent because no integrity issues were observed during inspection (D. Sanoski - DWR UCIP).12/07/2016 same as last inspection. Need to coordinate with owner to determine pipe status. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)07/31/2013 Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe (CMP) riser located on the waterside (WS) slope. Power pole and meter located on the landside (LS) toe (6-inch pipe first referenced in the USACE O&M Manual and later pipe authorized under Automatic Board Order (ABO) issued as Permit No. 8038, 1972 - King).
[Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual Unit 114, October 1964 (River Mile 45.59)].
FS Date: 6/5/2018 10:41:00 AM

LM Start	4.07	Rating **	M	Issue No.	147 (cont)
LM End	4.07	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_53339_29261.jpg



Wooden lid at gate valve in CMP riser on WS slope.

Photo 2 of 3 : UCIP_FA_2018_53339_29260.jpg



Power Pole, meter, and pumphouse on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.07	Rating **	M	Issue No.	147 (cont)							
LM End	4.07	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DWR UCIP Field Study		38.448191 °	38.448191 °								
			-121.502653 °	-121.502653 °								
DWR ID	21684											
Comment Code												
Inspector Comment												
FS_ID:53339 DS_ID:21684 EP_NO: 8038 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/05/2018 Same as last inspection; appears abandoned and is being downgraded to Non-Urgent from Urgent because no integrity issues were observed during inspection (D. Sanoski - DWR UCIP).12/07/2016 same as last inspection. Need to coordinate with owner to determine pipe status. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)07/31/2013 Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe (CMP) riser located on the waterside (WS) slope. Power pole and meter located on the landside (LS) toe (6-inch pipe first referenced in the USACE O&M Manual and later pipe authorized under Automatic Board Order (ABO) issued as Permit No. 8038, 1972 - King). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual Unit 114, October 1964 (River Mile 45.59)]. FS Date: 6/5/2018 10:41:00 AM												

Photo 3 of 3 : UCIP_FA_2018_53339_29259.jpg



Gate valve in pumphouse on LS toe. pumphouse filled with soil.

LM Start	4.07	Rating **	M	Issue No.	112							
LM End	4.10	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Vegetation		38.448183 °	38.447647 °								
			-121.502693 °	-121.502707 °								
DWR ID	DWR_RD0307_01_f_2017_112											
Comment Code												
V2 : Remove the wild growth other than native grasses from the levee slopes.												
Inspector Comment												

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.08	Rating **	A/W	Issue No.	78
LM End	4.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.448038 °	38.448038 °
				-121.502638 °	-121.502638 °
DWR ID	DWR_RD0307_01_f_2018_78				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Monitor arundo on levee slope.					

Photo 1 of 1 : FA_2018_RD0307_166_78_20181101_00121.jpg



View of arundo on levee slope. Fall 2018

LM Start	4.10	Rating **	M	Issue No.	97
LM End	4.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.447683 °	38.447376 °
				-121.502720 °	-121.502719 °
DWR ID	DWR_RD0307_01_s_2018_97				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.11	Rating **	M	Issue No.	148	
LM End	4.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.447562 °	38.447562 °	
				-121.502681 °	-121.502681 °	
DWR ID	21685					
Comment Code						
Inspector Comment						
FS_ID:22670						
DS_ID:21685						
EP_NO: 8039						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No lid on CMP riser on the waterside (WS) slope. Pump and gate valve in pump house on the landside (LS) toe. (Permit No. 8039, 1972 - Frederick and Videt Kirtlas and Robert and Hazel Kirtlas). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.46) (7-inch pipe listed)].						
FS Date: 7/31/2013						

LM Start	4.11	Rating **	M	Issue No.	148 (cont)
LM End	4.11	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_22670_38290.jpg



Slide gate in riser on WS slope.

Photo 2 of 3 : UCIP_FA_2018_22670_38289.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.11	Rating **	M	Issue No.	148 (cont)	
LM End	4.11	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.447562 °	38.447562 °	
				-121.502681 °	-121.502681 °	
DWR ID	21685					
Comment Code						
Inspector Comment						
FS_ID:22670						
DS_ID:21685						
EP_NO: 8039						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No lid on CMP riser on the waterside (WS) slope. Pump and gate valve in pump house on the landside (LS) toe. (Permit No. 8039, 1972 - Frederick and Videt Kirtlas and Robert and Hazel Kirtlas). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.46) (7-inch pipe listed)].						
FS Date: 7/31/2013						

Photo 3 of 3 : UCIP_FA_2018_22670_38292.jpg



Pumphouse on LS toe.

LM Start	4.11	Rating **	U	Issue No.	119
LM End	4.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.447538 °	38.447538 °
				-121.502659 °	-121.502659 °
DWR ID	DWR_RD0307_01_s_2018_119				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree on waterside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_119_20180910_00032.jpg



Downed tree waterside looking south.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.31	Rating **	M	Issue No.	54
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.444677 °	38.444370 °
				-121.503083 °	-121.503157 °
DWR ID	DWR_RD0307_01_f_2018_54				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes on levee shoulder block visibility.					

No Photos

LM Start	4.31	Rating **	U	Issue No.	26
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.444612 °	38.444612 °
				-121.503100 °	-121.503100 °
DWR ID	DWR_RD0307_01_f_2014_26				
Comment Code					
BU : Building					
Inspector Comment					
This pumphouse was built without a permit, the district is aware of the encroachment.					

Photo 1 of 1 : FA_2018_RD0307_166_26_20180910_00004.jpg



This pump house was built without CVFPB Permit.

LM Start	4.34	Rating **	M	Issue No.	103
LM End	4.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.444209 °	38.443537 °
				-121.503156 °	-121.503325 °
DWR ID	DWR_RD0307_01_s_2018_103				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.39	Rating **	U	Issue No.	27
LM End	4.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.443517 °	38.443517 °
				-121.503338 °	-121.503338 °
DWR ID	DWR_RD0307_01_f_2014_27				
Comment Code					
CR : Crops					
Inspector Comment					
There are grapes planted on the levee slope landside without permit from the CVFPB. This issue has been reported and recorded in previous inspections.					

Photo 1 of 1 : FA_2018_RD0307_166_27_20180910_00005.jpg



Unwanted grapes placed on levee slope, these grapes has been reported to both district and CVFPB. No permit.

LM Start	4.43	Rating **	M	Issue No.	56
LM End	4.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.443003 °	38.443003 °
				-121.503453 °	-121.503453 °
DWR ID	DWR_RD0307_01_f_2018_56				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.46	Rating **	M	Issue No.	149
LM End	4.46	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.442515 °	38.442515 °
				-121.503620 °	-121.503620 °
DWR ID	21690				
Comment Code					
Inspector Comment					
FS_ID:17183					
DS_ID:21690					
EP_NO: 8041					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and should be done so properly. Gate valve has been removed from pipe on LS toe.					
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 13.5 feet below the crown. Pump and gate valve in pump house on the landside (LS) slope. Gate valve on the waterside (WS) slope. Service pole and anchor on the LS slope. (Permit No. 8041, 1972 - Albert and Genevieve Fonts). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.11)].					
FS Date: 8/6/2013					

LM Start	4.46	Rating **	M	Issue No.	149 (cont)
LM End	4.46	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_17183_29321.jpg



Pumphouse for 6-inch pipe at LS toe.

Photo 2 of 3 : UCIP_FA_2018_17183_29320.jpg



Gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.46	Rating **	M	Issue No.	149 (cont)	
LM End	4.46	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.442515 °	38.442515 °	
				-121.503620 °	-121.503620 °	
DWR ID	21690					
Comment Code						
Inspector Comment						
FS_ID:17183						
DS_ID:21690						
EP_NO: 8041						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe appears abandoned and should be done so properly. Gate valve has been removed from pipe on LS toe.						
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 13.5 feet below the crown. Pump and gate valve in pump house on the landside (LS) slope. Gate valve on the waterside (WS) slope. Service pole and anchor on the LS slope. (Permit No. 8041, 1972 - Albert and Genevieve Fonts). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 45.11)].						
FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_FA_2018_17183_29323.jpg



Pump in pumphouse on LS toe.

LM Start	4.58	Rating **	M	Issue No.	80
LM End	4.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.440975 °	38.440975 °
				-121.504545 °	-121.504545 °
DWR ID	DWR_RD0307_01_s_2016_80				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.58	Rating **	M	Issue No.	150
LM End	4.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.440915 °	38.440915 °
				-121.504524 °	-121.504524 °
DWR ID	21691				
Comment Code					
Inspector Comment					
FS_ID:17184 DS_ID:21691 EP_NO: 8561 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. Gate valve on LS toe broken. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 12.8 feet below the crown. Pump, gate valve, and a 6-foot by 8-foot concrete distribution box on the landside (LS) toe. Gate valve on the waterside (WS) slope. (Permit No. 8561, 1973 - Joseph Borgas). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.99)]. FS Date: 8/6/2013					

LM Start	4.58	Rating **	M	Issue No.	150 (cont)
LM End	4.58	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_17184_29326.jpg



Pipe and gate valve on WS slope just downstream from stairs.

Photo 2 of 3 : UCIP_FA_2018_17184_29325.jpg



Gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.58	Rating **	M	Issue No.	150 (cont)	
LM End	4.58	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.440915 °	38.440915 °	
				-121.504524 °	-121.504524 °	
DWR ID	21691					
Comment Code						
Inspector Comment						
FS_ID:17184						
DS_ID:21691						
EP_NO: 8561						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
Gate valve on LS toe broken.						
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee,						
12.8 feet below the crown. Pump, gate valve, and a 6-foot by 8-foot						
concrete distribution box on the landside (LS) toe. Gate valve on the						
waterside (WS) slope. (Permit No. 8561, 1973 - Joseph Borgas).						
[Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento						
O&M Manual 114, April 1959, (RM 44.99)].						
FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_FA_2018_17184_29324.jpg



Gate valve actuator on WS slope.

LM Start	4.72	Rating **	C	Issue No.	115
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.439369 °	38.439369 °
				-121.506026 °	-121.506026 °
DWR ID	DWR_RD0307_01_f_2017_115				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.76	Rating **	M	Issue No.	116
LM End	4.78	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.438987°	38.438763°	
			-121.506582°	-121.506825°	
DWR ID	DWR_RD0307_01_f_2017_116				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	4.81	Rating **	M	Issue No.	57
LM End	4.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.438420°	38.438420°	
			-121.507287°	-121.507287°	
DWR ID	DWR_RD0307_01_f_2018_57				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees need to be trimmed.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.82	Rating **	M	Issue No.	151
LM End	4.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.438390 °	38.438390 °
				-121.507323 °	-121.507323 °
DWR ID	21693				
Comment Code					
Inspector Comment					
FS_ID:22671 DS_ID:21693 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 6-inch steel irrigation pipe through the levee, 1.5 feet below the crown. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.75)]. FS Date: 8/6/2013					

Photo 1 of 1 : UCIP_FA_2018_22671_38293.jpg



Pipe visible on LS slope.

LM Start	4.82	Rating **	M	Issue No.	152
LM End	4.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.438390 °	38.438390 °
				-121.507323 °	-121.507323 °
DWR ID	21726				
Comment Code					
Inspector Comment					
FS_ID:22672 DS_ID:21726 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 2 of 2: 1-inch electrical conduit of an unknown material through the levee, 1.5 feet below the crown. [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 8/6/2013					

Photo 1 of 1 : UCIP_FA_2018_22672_38296.jpg



Abandoned electrical conduit next to pipe on LS slope.

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.88	Rating **	M	Issue No.	104
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.437871 °	38.437871 °
				-121.508356 °	-121.508356 °
DWR ID	DWR_RD0307_01_s_2018_104				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree on landside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_104_20180910_00027.jpg



Encroachment downed tree on landside looking south

LM Start	5.02	Rating **	M	Issue No.	118
LM End	5.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436939 °	38.436678 °
				-121.510626 °	-121.511577 °
DWR ID	DWR_RD0307_01_f_2017_118				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.23	Rating **	M	Issue No.	153	
LM End	5.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.435901 °		38.435901 °
				-121.514233 °		-121.514233 °
DWR ID	21698					
Comment Code						
Inspector Comment						
FS_ID:22710 DS_ID:21698 EP_NO: 8048 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 14.5 feet below the crown. Gate valve in a 5-foot-diameter corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pump and gate valve in pump house on the landside (LS) toe. 36-inch concrete standpipe on the LS of the pump house. (Permit No. 8048, 1972 - John Rose). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.33)]. FS Date: 8/6/2013						

LM Start	5.23	Rating **	M	Issue No.	153 (cont)
LM End	5.23	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_22710_38415.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

Photo 2 of 3 : UCIP_FA_2018_22710_38414.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.23	Rating **	M	Issue No.	153 (cont)	
LM End	5.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.435901 °		38.435901 °
				-121.514233 °		-121.514233 °
DWR ID	21698					
Comment Code						
Inspector Comment						
FS_ID:22710						
DS_ID:21698						
EP_NO: 8048						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 14.5 feet below the crown. Gate valve in a 5-foot-diameter corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pump and gate valve in pump house on the landside (LS) toe. 36-inch concrete standpipe on the LS of the pump house. (Permit No. 8048, 1972 - John Rose). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.33)].						
FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_FA_2018_22710_38413.jpg



Pumphouse on LS toe.

LM Start	5.23	Rating **	U	Issue No.	121
LM End	5.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435926 °	38.435788 °
				-121.514241 °	-121.515092 °
DWR ID	DWR_RD0307_01_f_2017_121				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2018_RD0307_166_121_20180910_00033.jpg



Trim and thin landscaping to allow inspection and access to landside levee slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.23	Rating **	M	Issue No.	120
LM End	5.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435880 °	38.435770 °
				-121.514262 °	-121.515654 °
DWR ID	DWR_RD0307_01_f_2017_120				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	5.37	Rating **	M	Issue No.	58
LM End	5.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.435665 °	38.435665 °
				-121.516843 °	-121.516843 °
DWR ID	DWR_RD0307_01_f_2018_58				
Comment Code					
BU : Building					
Inspector Comment					
Shed placed at levee toe.					

Photo 1 of 1 : FA_2018_RD0307_166_58_20181101_00119.jpg



View of shed at levee toe. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.37	Rating **	M	Issue No.	154
LM End	5.37	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435613 °	38.435613 °
				-121.516860 °	-121.516860 °
DWR ID	21700				
Comment Code					
Inspector Comment					
FS_ID:40546 DS_ID:21700 EP_NO: 8049 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access due to vegetative cover. Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 14.5 feet below the crown. Pump house on the landside (LS) toe. Gate valve in a 5-foot-diameter corrugated metal pipe (CMP) riser on the waterside (WS) slope. (Permit No. 8049, 1972 - Mary Gomes). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.19)]. FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2018_40546_29421.jpg



Pumphouse on LS toe.

LM Start	5.37	Rating **	M	Issue No.	154 (cont)
LM End	5.37	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2018_40546_29420.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.37	Rating **	U	Issue No.	123
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435665 °	38.435634 °
				-121.516868 °	-121.518275 °
DWR ID	DWR_RD0307_01_f_2017_123				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.48	Rating **	M	Issue No.	155	
LM End	5.48	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.435622 °	38.435622 °	
				-121.518829 °	-121.518829 °	
DWR ID	21701					
Comment Code						
Inspector Comment						
FS_ID:17287						
DS_ID:21701						
EP_NO: 8050						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Lid damaged on 5ft diameter riser on WS slope.						
Good candidate for video inspection as repair to pipe on LS toe is good indicator that pipe is failing internally.						
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 12.7 feet below the crown. Pump, vent, butterfly valve, 36-inch concrete standpipe, and a power pole at the landside (LS) toe. Gate valve in a 5-foot-diameter corrugated metal pipe (CMP) riser on the waterside (WS) slope. (Permit No. 8050, 1972 - Glen Franklin Rose). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.08)].						
FS Date: 8/7/2013						

Photo 1 of 3 : UCIP_FA_2018_17287_29423.jpg



Pump and appurtenances on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.48	Rating **	M	Issue No.	155 (cont)	
LM End	5.48	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.435622 °	38.435622 °	
				-121.518829 °	-121.518829 °	
DWR ID	21701					
Comment Code						
Inspector Comment						
FS_ID:17287						
DS_ID:21701						
EP_NO: 8050						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Lid damaged on 5ft diameter riser on WS slope.						
Good candidate for video inspection as repair to pipe on LS toe is good indicator that pipe is failing internally.						
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 12.7 feet below the crown. Pump, vent, butterfly valve, 36-inch concrete standpipe, and a power pole at the landside (LS) toe. Gate valve in a 5-foot-diameter corrugated metal pipe (CMP) riser on the waterside (WS) slope. (Permit No. 8050, 1972 - Glen Franklin Rose). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 44.08)].						
FS Date: 8/7/2013						

LM Start	5.48	Rating **	M	Issue No.	155 (cont)
LM End	5.48	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_17287_29422.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

Photo 3 of 3 : UCIP_FA_2018_17287_29425.jpg



Pipe visible at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.58	Rating **	M	Issue No.	68
LM End	5.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.435653 °	38.435653 °
				-121.520612 °	-121.520612 °
DWR ID	DWR_RD0307_01_f_2018_68				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees need to be trimmed and thinned.					

No Photos

LM Start	5.62	Rating **	M	Issue No.	124
LM End	5.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435764 °	38.435925 °
				-121.521426 °	-121.523343 °
DWR ID	DWR_RD0307_01_f_2017_124				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.68	Rating **	M	Issue No.	156	
LM End	5.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.435816 °	38.435816 °	
				-121.522560 °	-121.522560 °	
DWR ID	21702					
Comment Code						
Inspector Comment						
FS_ID:17343 DS_ID:21702 EP_NO: 8051 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 16.8 feet below the crown. 8-inch steel irrigation pipe sleeved through the 10-inch pipe. Pump, vent, power pole, and gate valve on the landside (LS) toe. 36-inch concrete standpipe next to pump on the LS toe. (Permit No. 8051, 1972 - Robert and Hazel Kirtlan and Frederick and Violet Kirtlan). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.87)]. FS Date: 8/7/2013						

LM Start	5.68	Rating **	M	Issue No.	156 (cont)
LM End	5.68	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2018_17343_29442.jpg



Pipe visible on WS toe.

Photo 2 of 3 : UCIP_FA_2018_17343_29441.jpg



Pump, butterfly valve, vent, and concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.68	Rating **	M	Issue No.	156 (cont)	
LM End	5.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.435816 °	38.435816 °	
				-121.522560 °	-121.522560 °	
DWR ID	21702					
Comment Code						
Inspector Comment						
FS_ID:17343 DS_ID:21702 EP_NO: 8051 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 16.8 feet below the crown. 8-inch steel irrigation pipe sleeved through the 10-inch pipe. Pump, vent, power pole, and gate valve on the landside (LS) toe. 36-inch concrete standpipe next to pump on the LS toe. (Permit No. 8051, 1972 - Robert and Hazel Kirtlan and Frederick and Violet Kirtlan). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.87)]. FS Date: 8/7/2013						

Photo 3 of 3 : UCIP_FA_2018_17343_29440.jpg



Pump, butterfly valve, vent, and concrete standpipe on LS toe. Photo 3 description or comment here.

LM Start	5.73	Rating **	M	Issue No.	125
LM End	5.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435925 °	38.435994 °
				-121.523343 °	-121.523896 °
DWR ID	DWR_RD0307_01_f_2017_125				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.95	Rating **	M	Issue No.	126
LM End	6.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436136 °	38.435305 °
				-121.527518 °	-121.530422 °
DWR ID	DWR_RD0307_01_f_2017_126				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.99	Rating **	M	Issue No.	157	
LM End	5.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.436038 °	38.436038 °	
				-121.528107 °	-121.528107 °	
DWR ID	21713					
Comment Code						
Inspector Comment						
FS_ID:22711						
DS_ID:21713						
EP_NO: 6519						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 1.5-inch electrical conduit of an unknown material through the levee, 1 foot below the crown. Slant pump and electrical panel on the waterside (WS) slope, and a power pole and meter on the landside (LS) toe. (Permit No. 6519, 1969 - S. H. Cowell Foundation).						
FS Date: 8/7/2013 10:24:00 AM						

Photo 1 of 2 : UCIP_FA_2018_22711_38419.jpg



Power pole and meter off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.99	Rating **	M	Issue No.	157 (cont)	
LM End	5.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.436038 °	38.436038 °	
				-121.528107 °	-121.528107 °	
DWR ID	21713					
Comment Code						
Inspector Comment						
FS_ID:22711 DS_ID:21713 EP_NO: 6519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1.5-inch electrical conduit of an unknown material through the levee, 1 foot below the crown. Slant pump and electrical panel on the waterside (WS) slope, and a power pole and meter on the landside (LS) toe. (Permit No. 6519, 1969 - S. H. Cowell Foundation). FS Date: 8/7/2013 10:24:00 AM						

Photo 2 of 2 : UCIP_FA_2018_22711_38418.jpg



Electrical conduit visible at panel next to slant pump on WS slope.

LM Start	5.99	Rating **	M	Issue No.	158	
LM End	5.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.436038 °		38.436038 °
				-121.528107 °		-121.528107 °
DWR ID	21732					
Comment Code						
Inspector Comment						
FS_ID:22712 DS_ID:21732 EP_NO: 8053 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee, 14.7 feet below the crown. 16-inch irrigation pipe sleeved through the 20-inch pipe. Slant pump and gate valve on the waterside (WS) slope. Gate valve, power pole, and electrical panel on the landside (LS) toe. (Permit No. 8053, 1972 - S. H. Cowell Foundation, E. H. Connick, Max Theldan, and W. F. Bank). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.57)]. FS Date: 8/7/2013						

Photo 1 of 3 : UCIP_FA_2018_22712_38422.jpg



Pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.99	Rating **	M	Issue No.	158 (cont)	
LM End	5.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.436038 °	38.436038 °	
				-121.528107 °	-121.528107 °	
DWR ID	21732					
Comment Code						
Inspector Comment						
FS_ID:22712						
DS_ID:21732						
EP_NO: 8053						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Annular space between pipes does not appear to be grouted.						
FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee, 14.7 feet below the crown. 16-inch irrigation pipe sleeved through the 20-inch pipe. Slant pump and gate valve on the waterside (WS) slope. Gate valve, power pole, and electrical panel on the landside (LS) toe. (Permit No. 8053, 1972 - S. H. Cowell Foundation, E. H. Connick, Max Theldan, and W. F. Bank). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.57)]. FS Date: 8/7/2013						

Photo 2 of 3 : UCIP_FA_2018_22712_38421.jpg



Pipe, power pole, and meter on LS toe.

LM Start	5.99	Rating **	M	Issue No.	158 (cont)
LM End	5.99	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2018_22712_38420.jpg



Gate valve on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.02	Rating **	M	Issue No.	77
LM End	6.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.435928 °	38.435928 °
				-121.528767 °	-121.528767 °
DWR ID	DWR_RD0307_01_f_2018_77				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	6.12	Rating **	M	Issue No.	74
LM End	6.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.435308 °	38.435003 °
				-121.530342 °	-121.530950 °
DWR ID	DWR_RD0307_01_f_2018_74				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	6.15	Rating **	C	Issue No.	114
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435118 °	38.435118 °
				-121.530795 °	-121.530795 °
DWR ID	DWR_RD0307_01_s_2018_114				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.19	Rating **	M	Issue No.	43
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.434560 °	38.432287 °
				-121.531159 °	-121.532978 °
DWR ID	DWR_RD0307_01_f_2018_43				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 43.2 R					
Status: Eroding					
2017 Field Notes: New erosion pockets and new toe erosion.					
Site History: 2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event.					
2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area.					
Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2016 - Some rock placed in the last year					

Photo 1 of 1 : FA_2018_RD0307_166_43_20181105_00116.jpg



USACE 2013 Photo #1

LM Start	6.40	Rating **	M	Issue No.	159
LM End	6.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.432040 °	38.432040 °
				-121.533290 °	-121.533290 °
DWR ID	21706				
Comment Code					
Inspector Comment					
FS_ID:17385 DS_ID:21706 EP_NO: 8057 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 13.8 feet below the crown. Pump and gate valve in pump house on the landside (LS) toe. (Permit No. 8057, 1972 - Lawrence R. and Ruth Schneider). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.14)]. FS Date: 8/7/2013					

Photo 1 of 3 : UCIP_FA_2018_17385_29489.jpg



Pump and gate valve inside pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.40	Rating **	M	Issue No.	159 (cont)
LM End	6.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.432040 °	38.432040 °
				-121.533290 °	-121.533290 °
DWR ID	21706				
Comment Code					
Inspector Comment					
FS_ID:17385 DS_ID:21706 EP_NO: 8057 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 13.8 feet below the crown. Pump and gate valve in pump house on the landside (LS) toe. (Permit No. 8057, 1972 - Lawrence R. and Ruth Schneider). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.14)]. FS Date: 8/7/2013					

LM Start	6.40	Rating **	M	Issue No.	159 (cont)
LM End	6.40	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_17385_29488.jpg



Pump and gate valve inside pumphouse on LS toe.

Photo 3 of 3 : UCIP_FA_2018_17385_29487.jpg



Pipe cut and open on LS of pumphouse.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.42	Rating **	C	Issue No.	42
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.431726 °	38.429957 °
				-121.533200 °	-121.533035 °
DWR ID	DWR_RD0307_01_f_2018_42				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 43.1 R					
Status: Eroding					
2017 Field Notes: Fresh erosion observed along toe and slope.					
Site History: 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail.					

No Photos

LM Start	6.42	Rating **	A/W	Issue No.	107
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.431792 °	38.429923 °
				-121.533353 °	-121.533235 °
DWR ID	DWR_RD0307_01_s_2018_107				
Comment Code					
Inspector Comment					
This is to identify corrections to the USACE 2015 Erosion survey. The LMA repaired erosion sites in 2017.					

Photo 1 of 2 : FA_2018_RD0307_166_107_20180910_00028.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.42	Rating **	A/W	Issue No.	107 (cont)	
LM End	6.55	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			38.431792 °	38.429923 °	
				-121.533353 °	-121.533235 °	
DWR ID	DWR_RD0307_01_s_2018_107					
Comment Code						
Inspector Comment						
This is to identify corrections to the USACE 2015 Erosion survey. The LMA repaired erosion sites in 2017.						

Photo 2 of 2 : FA_2018_RD0307_166_107_20180910_00029.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

LM Start	6.54	Rating **	M	Issue No.	160
LM End	6.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430122 °	38.430122 °
				-121.533294 °	-121.533294 °
DWR ID	21707				
Comment Code					
Inspector Comment					
FS_ID:17404 DS_ID:21707 EP_NO: 4096 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform. FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel drainage pipe through the levee, 6 feet below the crown. Gate valve located just off the landside (LS) toe on a steel platform. Pumping plant and trash rack located 200 feet off the LS toe. Flap gate on the waterside (WS) end. (Permit No. 4096, 1962 - Reclamation District No. 307. Replaced a 36-inch pipe that was grouted in place at the same location). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 8/7/2013					

Photo 1 of 3 : UCIP_FA_2018_17404_29504.jpg



Pipe visible on LS toe to pumping plant 200-feet off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	M	Issue No.	160 (cont)	
LM End	6.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.430122°	38.430122°	
				-121.533294°	-121.533294°	
DWR ID	21707					
Comment Code						
Inspector Comment						
FS_ID:17404 DS_ID:21707 EP_NO: 4096 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform. FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel drainage pipe through the levee, 6 feet below the crown. Gate valve located just off the landside (LS) toe on a steel platform. Pumping plant and trash rack located 200 feet off the LS toe. Flap gate on the waterside (WS) end. (Permit No. 4096, 1962 - Reclamation District No. 307. Replaced a 36-inch pipe that was grouted in place at the same location). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 8/7/2013						

LM Start	6.54	Rating **	M	Issue No.	160 (cont)
LM End	6.54	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2018_17404_29503.jpg



Animal activity/burrows under pipe on LS at various locations.

Photo 3 of 3 : UCIP_FA_2018_17404_29502.jpg



Pumping plant and trash rack off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	A/W	Issue No.	161
LM End	6.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.430043 °	38.430043 °
				-121.533275 °	-121.533275 °
DWR ID	21731				
Comment Code					
Inspector Comment					
FS_ID:17406					
DS_ID:21731					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Gate valve and air vent on the landside (LS). Pump and trash rack 200 feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)].					
FS Date: 8/7/2013					

LM Start	6.54	Rating **	A/W	Issue No.	161 (cont)
LM End	6.54	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_17406_29510.jpg



Pipes visible on LS toe.

Photo 2 of 3 : UCIP_FA_2018_17406_29509.jpg



Pump and trash rack 200-feet off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	A/W	Issue No.	161 (cont)	
LM End	6.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.430043 °	38.430043 °	
				-121.533275 °	-121.533275 °	
DWR ID	21731					
Comment Code						
Inspector Comment						
FS_ID:17406						
DS_ID:21731						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Gate valve and air vent on the landside (LS). Pump and trash rack 200 feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)].						
FS Date: 8/7/2013						

Photo 3 of 3 : UCIP_FA_2018_17406_29508.jpg



Intake at concrete headwall under pump.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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